

Effect of Brain Lesions on the Bioelectric Response
to Rhythmic Light Stimulation, by J. Ugher, N.
Shuram, 7 pp.

RUSSIAN, per, Pixel Znat' SSSR izdat I. M. Sechenova,
Vol XLVII, No 6, 1961.

Elsevier Pub Co

Sci

Oct 62

213,945

Formation of Radiation Belts by G. A. Skuridin,
V. P. Shabanskiy.

RUSSIAN, rpt, Gospar & 5th International
Science Symposiu, Florence, Italy, May 64.

*FTD-MT-64-346

Sci
Sep 64

An Investigation of the Adsorption Properties of Viscose Cellulose with Respect to Iron Compounds, G.M. Shurikhina, E.M. Shagalova et al, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 3, 1963,
pp 662-668.

CB

Sci

May 64

258,397

EFFECT OF MICROWAVE ON THE MEMORIAL ACTIVITY
OF TIME ADVERSAL CONTROL, BY F. L. LAYTE,
L. A. SHIRIHIMA, 6 PP.

RUSSIAN, PER, BIRL. EMPER DOKL. I MEDIT, VOL. LII,
NO 12, 1961, PP 47-50. 9677372

FTD-TR-62-871

SCI-MED

10 JUL 62

202,249

Niobium-Cobalt Phase Diagram, by A. K. Shurin, 47
G. P. Smitriyeva.

RUSSIAN, per, Vopr Fiz Metal i Metalloved, Ak Nauk
Ukr SSR, Sb Nauchno Rabot, No 18, 1964, pp 173-177.
AT&T RJ-5117

A. K. SHURIN

Sci-Chem
July 69

385,499

Report of Structure of the Double Phase of
the System Ag - Cu and the Solubility of
Sulfides in It, by Dr. R. Karpov,
A. K. Shurin, et al., 3 pp.
KIEVAD, URS, Issled. Akad. Nauk UkrSSR, 1961,
no 5, 1964, pp 600-603.

AMC 44-14-68-16

41

A.K. Shurin

Rec'd Shurin
Aug 65

277,000

Effect of Phosphorus and Arsenic on the Crystal-Lattice Parameter and the Hardness of Alpha-iron,
by V. N. Svechnikov, V. M. Pan, A. K. Shurin, 3 p.

RUSSIAN, per, Fiz Metal i Metallov , Vol VI, No 4,
1958, pp 662-664.

Pergamon Press

Sci

112,449

Apr 60

(NY-2800/25)

Problems of the Novorossiysk Cementmakers,
by S. Shurin, 3 pp.

RUSSIAN, np, Stroitel'stva Gaveta, 2 Jun 1961,
p 1.

JPM 9895

USSR

169, 751

Econ

Sep 61

Pathogenesis of Cell Lesions Due to a Virus
Isolated From Patients With Ex Rheumatic
Fever, by S. P. Shurin, 4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI,
No 3, 1961, pp 277-280.

77

Sci

Jun 62

200,489

Detection of Virus Isolated From Patients
With ~~the~~ Rheumatic Fever in Fibroblast
Culture by Means of Labelled Fluorescent
Antiserum, by S. P. Shurin, T. Ye. Yavorovskaya,
4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI,
No 3, 1961, pp 2743-276.

PP

Sci

200,483

Jun 62

Reducing Processes in the Sintering of Iron Ores,
by A. A. Sigov, V. A. Shurkhal.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
Jun 1962, pp 26-31.

HB 5590

Sci - Chem

Sep 62

210,864

Sup 136

Bombustion of Carbon During the Sintering of
Iron Ores, by A. A. Sigov, V. A. Shurkhai.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern
Metal, No 12, 1960, pp 23-30.

HB 5104

Sci - Chem

Jul 61

161,025

Chemical Features of Pegmatites of Northern Karelia,
by K. A. Shurkin, M. E. Sale, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIXI, No 4,
1960, pp 925-928.

AGI

Sci

155, 470

Jun 61.

The Paleozoic Pseudoconglomerates of Northern
Karelia and the Kola Peninsula, by K. A. Shurkin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,
1959, pp 1329-1332.

AGI

Sci

Jun 61

152, 150

Features of Distribution of Mudaceous Material
in North Atlantic Sediments, by
A. V. Il'yin, I. I. Shurko.
RUSSIA, per, Vok Ak Nauk SSSR, Vol 179, No 2,
1968, pp. 447-449.
AGI

I. I. SHURKO

Jan 69

573-400
373-400

S-5391

(BY-2947).

On Burn Auto-Antibodies, by N. I. Kuznetsova, S. V.
Shurkovich, 7 pp.

RUSSIAN, per, Patologiya i Ekspер Terapiya, Vol III,
No 4, 1959, pp 57-60.

JPRS-L-1027-N

Sci - Med - Physiology
Nov 59

101,709

Strength of Solids, by S. N. Shurkow.

GERMAN, per, Z. fuer Physikalische
Chemie, Vol CXXIII, No 3/4, 1960, pp 183-
190.

CSIRO

Sci - Chem

191, 729

Apr 62

Kinetics and Mechanism of Catalytic Hydrogenation of
Carbon Monoxide, by G. Braude, N. Shurmovskaya, B.
Bruns.

Full translation.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXII, No 4, 1948,
pp 483-494.

AEC Tr 1168

Sci - Chem

A^Y 52 GTS

A-1019

A study of the Immobilization of Copper With Activated Carbon by
the Chemical Reduction by Formaldehyde Method, By L. A. Pobell,
L. A. Ruzicka, and E. F.
TRANSAK, Inc., Division of Standard, Vol 37, No 1, 1952,
pp 125-132.

68

Set
1/12/64

RECORDED

The Iron Electrode in the Galvanic Cell, by
E. A. Shursovskaya, R. Kh. Burshtein, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 8,
Aug 1957, pp 1176-1184.

Consultants Bureau

Sci - Chem

Oct 58

75,703

Electrical Resistivity and Structure of WC-Co Alloys,
by V. F. Funke, A. N. Shurshakov, S. I. Yudkovskiy,
8 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 2, 1960,
pp 207-215.

pp 165,638

Sci

Aug 61

Variability of Microorganisms Under the Influence of
the Assimilation of Microbial Products, by P. Ye.
Vizir, A. M. Pashchnik, V. N. Shur-Shul'ts, 11 pp.

UKRAINIAN, bimo per, Mikrobiol Zhur Ak Nauk URSS,
Kiev, 1955, pp 5-10.

CIA/FDD U-8241

35, 938

USSR

Sci - Biology, microbiology

May 56/dex

Viability of Microorganisms in Assimilation of
Microbial Products-Report 1. General Biochemical
and Serological Characteristics of Vanncoccus, by
P. N. Vinov, V. H. Shur-Shul'tts, A. M. Pusochinskii,

RUSSIAN, MIR, Mikrobiol. zhurn., Vol IV, No 3, pp 15-16
1953.

UNDA

Sci - Biology
C75 / DEC

10, 651

Casting Iron In Aluminum Alloy Molds Casting,
by N. B. Pasternak, V. I. Shurupov, N. A.
Kosenko.

RUSSIAN, per, Lit Proiz, No 4, 1958, pp 24-25.

LSB-107

Sci
Sep 61

169, 120

(D3-4700)

New Conditions of Remuneration of Labor in the
State Farms, by V. Shuruyev, 10 pp.

RUSSIAN, per, Soviet Profsoyuzy, No 16, 1961,
pp 38-39.

JPRG 11434

USSR
Soc
Jan 62

180, 105

Reaction Characteristics of the Hemogenic System in the Period of Restoring Its Functions After Radiation Affliction,
by I. M. Shar'yan, V. V. Andryushchenko,
et al, 10 pp.^{pp.}

131

RUSSIAN. ~~sci.~~ Vosstanovitel'nyye Prosesсы
Pri Radiatsionnykh Perenabyeyakh Sbornik
Statey, 1964, pp 164-171. 9638661

FBI-TR-63-655

I.M. Shar'yan

Sci-Nuc Sci
Nov 65

291,4723

The Level Variometer LV, by V. F. Bonchkovsky, A. N.
Skur'yat, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1, 1961,
pp 79-90.

AGU

Sci

165,084

Aug 61

OPERATING EXPERIENCE WITH CAST-IRON CHAINSHAFTS,
BY A. P. SHURGIN.

RUSSIAN, PER, AVTOGOSIL PROM, NO 7, 1961,
PP 8, 9.

NLL N. 3777

SCI - ENGR

OCT 62

214,731

The Effect of Aminopeptide on the Survival of
Animals After Blood Loss, by T. E. Kudritskaya,
D. Ia. Shuragin, 5 pp.

RUSSIAN, per, Problemy Gematologiy: Peredel Krovi,
Vol III, No 1, 1958, pp 44-47.

Pergamon Press

Sci - Med

Sept 59

96,744

Changes in the Function and Structure of the
Adrenal Cortex After Autotransplantation, by V. K.
Kulagin, D. Ya. Shurygin, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L, No 9
1960, pp 108-111.

CB

Sci

Jun 61

157,700

Kinetics of the Reaction of Oxides of Magnesium
Silicon and Aluminum With Melts in the Trinary
System CaO-SiO₂Al₂O₃, by P. M. Shurygin,
B. N. Boronenkov, 5 pp.

RUSSIAN, per, Ogneupory, No 12, 1963, pp 561-564.

CB

Sci
Jul 64

262,774

On the Solubility of Iron in Liquid Slags,
by P. M. Shurygin, O. A. Esin,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 5, 1954, pp 1043-1045.

Brutcher Tr No 3415
\$2.75
21,074

Scientific - Min/Metals *✓* Feb 55 CMS

OF-15/60

(DC-3731).

The Leaders Report to the Working People, by
V. Shurygin, 11 pp.

RUSSIAN, per, Communist, Vol XXXVI, No 3, 1960,
pp 45-52.

J
XPRS 3314

USSR
Pol - Communist Party Affairs
Jun 60

117,279

The Butt Welding of Pipes Using a Removable Backing Bar, by V. A. Shurygin, 7 pp.

RUSSIAN, per, Svaroch Praciz, No 6, 1961,
pp 25-27.

DWPA

Sci
Aug 62

206,545

(DC-3901)

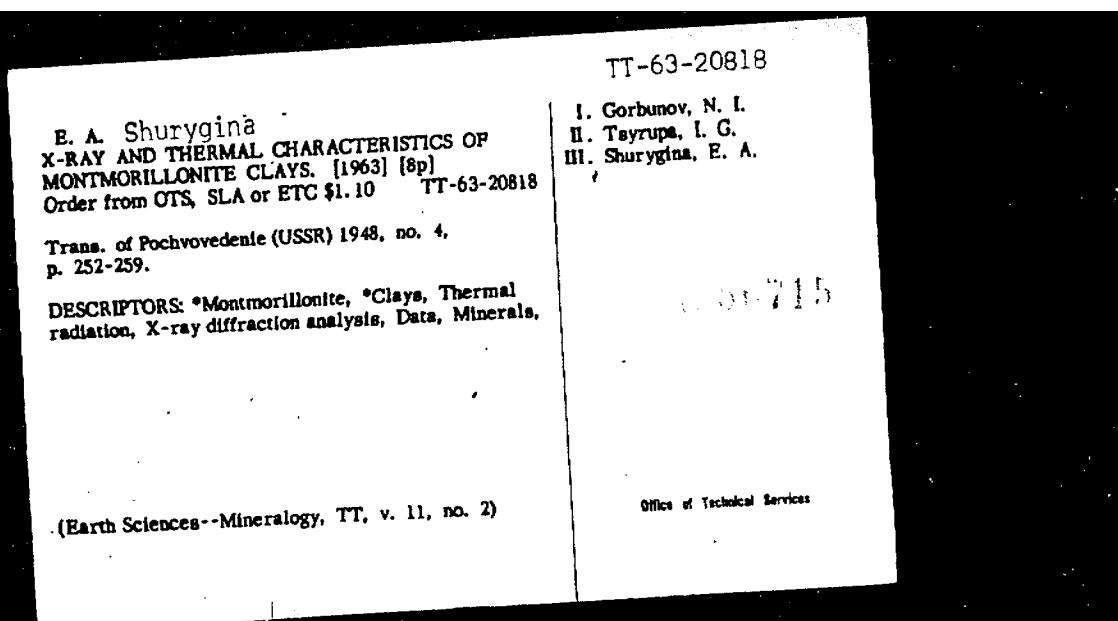
On the Realization of Algebraic-Differential
Algorithms MK on Electronic Computers, by
V. A. Shurygin, N. N. Yanenko, 28 pp.

RUSSIAN, bk, Voprosy Kibernetiki, No 6, 1961,
pp 33-43.

JPRS 13514

193, 946

Sci - Misc
Machine Translation
Apr 62



SIGNIFICANCE OF THE ADSORPTION OF CATIONS WHEN DETERMINING CLAY MINERALS IN CLAYS AND SOILS, by Ye. A. Shurygina, 6 pp.

RUSSIA, per, Pravovedeniye, No 9, 1960, pp 81-92

ATRS

Sci

172, 929

Oct 61

Cyanine Dyes. IX. Some Tetramethoxythiacarbonyl cyanines, by I. I. Levinov, Z. P. Sytnik, S. V. Matanson, V. V. Durnashidina, T. V. Krasnova, R. S. Shmeier, 6 pp.

full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 11,
1954, pp 2034-2039. CIA 542761-C, NM reel 3.

Consultants Bureau

37,797

Sci - Chemistry

Aug 56 CES

Preparation of Metal for Cold Upsetting, by
N. A. Smol'yanikov, I. G. Shushakov, 4 pp.

RUSSIAN, per, Stal, No 12, 1959, pp 1135-1139.

BISI

Sci

Jun 60

118,428

Multiple Reflections, by S. D. Shushakov, 16 pp.

RUSSIAN, per, Priklad Geofiz, No 20, 1958,
pp 3-25.

ADS 72129R RJS-1816

Sci - Geophys

Sep 59

Vol 2, No 2

98,014

Lactones and Lactams. XIX. 6-Alkyl-3, 4-Dihydropyrone
-2

By N. P. Shushерина and R. Ya. Lovina pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3602 - 3607

CB

Sci

Aug 63

344,688

*δ-Lactones and δ-Lactams, XXIV, The Reduction of β -Keto-
Lactones by Lithium Aluminum Hydride, The Preparation
of α -Dihydropyrans, by N. P. Shushерина, I. S. Trub-
ников, R. Ya. Levina, 3pp.*

*# RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1076 - 1078*

CB

196, 668

Sci
Apr 62

Multiple Reflected Waves, by S. D. Shushakov, 24 pp.

RUSSIAN, bk, Prikladnaya Geofizika, 1962.

PP
Lib Congress Card No 60-53385

Sci

Sep 62

CIA Lib No TN
269
.P9

Regeneration of Oxythiocarsenate Solutions, by N. I.
Brodskaya, M. I. Gerber, V. P. Teodarovich, A. D.
Shusharina, 5 pp.

RUSSIAN, per, Zhur Pril Khim, Vol XXX, No 11, 1957,
pp II 1588-1592.

Consultants Bureau

Sci - Chem

Feb 59

82,158

Investigation of the Rate of Absorption of
Hydrogen Sulfide by Arsenical Soda Liquors, by
H. I. Gerber, V. P. Teodorovich, A. D. Shusharina,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 1C,
1958, pp 1478-1483.

CB

Sci - Chem
Nov 59

109, 971

Investigation of the Rate of Absorption of
Hydrogen Sulfide by Arsenical Soda Solution,
by H. I. Gerber, V. P. Teyedorovich, and
A. D. Shusharina, 3 pp.

RUSSIAE, per, Zhur Prikl Khim, Vol XXXI, No 11,
1958, pp 1624-1627.

Consultants Bureau

Sci

102,230

Dec 59

SHUSHARINA, A. D.

Polarographic Analysis of Sulfur Compounds.
II. Elemental Sulfur and Disulfides, N. I.
Gerber, A. D. Shusharina, Zhur Analit Khim,
USSR, 5, No 5, 262 - 267, 1950. C. A. 44,
10593a, 1950. Approx 3300 words; 10 tables;
8 figures; 6 references. Price \$7.00 (\$1.00)

Assocd Services
New Jersey

A 11092
RJ-40

δ Lactones and γ -Lactams XXXIII. Dichlorides
of 3, 4-Dihydropyrid-2-Ones, by N. P. Shusherina,
Khuan Khua-min', 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 9,
1963, pp 2829-2833.

CB

Sci
Aug 64

264,330

β -Lactones and δ -Lactams. XXII. Nitration of
5,6-Disubstituted 2-Pyrone, by N. P.
Shushерина, N. D. Dmitriyeva, T. F. Kozlova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9,
1960, pp 2829-2831.

CB

170.684

Sci

Sep 61

Cyanethylaton of Ketones in the Synthesis of
Unsaturated Lactones. 6-Lactones with a
Heptacyclic Double Bond, by R. Ya. Levina,
N. P. Shushерина, M. Yu. Lurye, and N. D.
Orlova, 4 pp.

Full tr

RUSSIAN, thrice-so per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 279.

Consultants Bureau
~~CONFIDENTIAL~~

41, 491

Sci - Chemistry
Dec 56 CIS

δ -Lactones. XVI. Synthesis of Aryl Substituted
 δ -Enol Lactones, by N. P. Shushерина, I. S.
Trubnikov, R. Ya. Levina, 3 pp.

RUSSIAN, per, Zhur Osnich Khim, Vol XXIV, No 4,
1959, pp 1062, 1063.

Consultants Bureau

Sci.

Jun 60

117,863

δ -Lactones. XIII. Synthesis of 6-Methyl-5-Alkyl-3,4-Dihydro- α -Pyrones, by E. P. Shusharina, R. Ya. Levina, Z. S. Sidenko,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 398-402.

Consultants Bureau

Sci

Apr 60

112,320

δ-Lactones. XIV. Synthesis of 6-Methyl-5-Alkyl-
δ-Pyrone, by N. P. Shumshurina, R. Ya. Levina,
Z. S. Sidenko, M. Yu. Lur'e, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 403-406.

Consultants Bureau

Sci

Apr 60

112, 321

Cyanethylated Ketones in the Synthesis of Unsaturated
 γ -Lactones. A New Method of Synthesis of α -Pyrone,
by N. P. Shusharina, M. Yu. Lurye, R. Ya. Levina,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 1, pp 117-120. Jul/Aug 1956

Consultants Bureau

56,618

Sci. - Chem

Dec 57

δ -Lactones. XI. 9,10-Dibromo-7, β -Benzochelonydrocimarin and Its Reactions, by N. P. Shusharina, R. Ya. Levina, L. V. Kondratyeva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8, 1957, pp 2255-2259.

Consultants Bureau

Sci - Chem
Oct 58

74, 214

δ-Lactones. XVII. Synthesis of Aryl- and Alkaryl-
 α -pyrones, by N. P. Shusherina, R. Ya. Levina,
I. S. Trubnikov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2942-2944.

CB

Sci

129,288

Sep 60

δ -Lactones. X. 9,10-Dibromooc-tahydrocoumarin
and Its Reactions, by N. P. Smushkina, M. Yu.
Iarye, R. Ya. Levina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8,
1957, pp 2250-2254.

Consultants Bureau

Sci - Chem
Oct 58

74, 2 / 5

Cyanoethylated Ketones in the Synthesis of Unsaturated
 α -Lactones. VII. Isomeric Benzotetrahydrocoumarins,
by N. P. Smushkina, R. Ya. Levina, V. I. Zdanovich,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2847-2851.

Consultants Bureau

Sci - Chemistry
Mar 58

60,123

Synthesis of Hydrocarbons. XLVII. Synthesis of Cyclohexene and Cyclohexane Hydrocarbons with a Quaternary Carbon Atom on the Basis of 1,3,5-Trimethylcyclohexadiene-1,3, by R. Ya. Levina, Kim Dym' Gir, N. P. Shushерина, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV,
No 4, Apr 55, pp 768-771. CIA C 39500

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28894

-Lactones. Preparation of Acylated Butyro-lactones from δ -Bromo- δ -Keto Acids, by N. P. Shushberina, M. Yu. Lurye, R. Ya. Levina, 4 pp.
1957
RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXIII, No 5,
pp 1084-1087.

Consultants Bureau

Sci - Chem
Aug 58

67, 641

β -Lactones. Conversion of Dibromides of
Unsaturated δ -Lactones to Bromo-Substituted
 δ -Keto Acids and their Esters, by R. Ya.
Levina, N. P. Shusharina, M. Yu. Lurye,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 820-823.

Consultants Bureau

Sci - Chem
Aug 58

67, 658

Cyanoethylated Ketones in the Synthesis of Unsaturated δ -Lactones, V. The Synthesis and Properties of Unsaturated δ -Lactones from Monocyanomethylated Acetone and Cyclohexanone by N. P. Smirnova, I. Ya. Levine, and N. Yu. Lurye, 6 pp.

Full tr
RUSIAN, no pag, Zhur Obshch Khim, Vol XVI, No 3,
1956, p 750-754.

Consultants Bureau

462,550

Sci - Chemistry
Jan 57 OTS

δ -Lactones. XIII. Synthesis and Properties of δ -Phenyl-3,4-Dihydro- α -Pyrone, by M. Yu. Lur'e,
I. S. Trubnikov, N. P. Shusherina, R. Ya. Levina,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1351-1354.

Consultants Bureau

Sci - Chem

Jul 59

93, 311

δ -lactones. XX. Cleavage of Hydrogen Bromide -
Esters of Acyclic γ -Bromo- δ -Oxo Acids, by
N. P. Shusharina, N. Ya. Levina, G. I. Fertal'nova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,
pp 865-867.

CB

147,572

Sci -
Apr 61

Synthesis of Hydrocarbons. XXI. Hydrobromides of
Dienes in the Synthesis of Olefins and Paraffins
With a Quaternary Carbon Atom, by R. Ya. Levina
and N. P. Shusherina, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
USSR, Apr 1952, pp ~~492-507~~ 577-587

Consultants Bureau

7527

Scientific - Chemistry

Dec 53 CTS

δ -Lactones and δ -Lactams. XXI. Dibromides of
 δ -Enollactams (5, 6-Dibromo-5, 6-dialkyl-2-piperidones),
by N. P. Snushchina, A. V. Golovin, R. Ya. Levina,
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1762-1768.

CB

-Lactones and -Lactams. XXVIII. Dehydrobromination
of Isomeric Benzotetrahydrocoumarin Dibromides, by
N. P. Shusherina, N. D. Dmitryeva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 213-216.

CB

Sci

Oct 62

216,1879

-Lactones and -Lactams. XXVII. Reactions of 5-Bromo-
1,6-Dehydropiperidones-2 With Ammonia and Amines, by
N. P. Shushерина, R. Ya. Levina, 4 pp.

RUSSIAN, PER, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 89-92.

CB

Sci

Oct 62

216,150

Cyanoethylated Ketones in the Synthesis XX of
Unsaturated δ -Lactones. II. Synthesis and
Properties of the Unsaturated δ -Lactone from
 γ -Acetylvaleronitrile, by R. Ya. Levina,
N. P. Shusharina, M. Yu. Lurye, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 8,
1954, pp 1439- 1443. CIA C 41477 23, 313

Consultants Bureau

Scientific - Chemistry
Agr 56 CTS/dex

Synthesis of Hydrocarbons. XLV. Synthesis of Cyclohexene and Cyclohexane Hydrocarbons With a Quaternary Carbon Atom, Based Upon 1,3-Dimethyl Cyclohexadiene-1,3., by R. Ya. Levina, N. P. Shusharina, Kim Dyal Gir, E. G. Treshchova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 9,
Sep 1954, pp 1551-1557. CIA C 42159.

Consultants Bureau

35,162

Sci - Chemistry

Jun 1956/Dex

6.. Lactones, β -Bromopyrones-2, by N. P.
Shusharina, R. Ya. Lovisa, N. D. Dmitriyeva,
4 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol. CXXVI,
No 3, 1959, pp 589-.

Consultants Bureau

119496

ci

Jan 60

Synthesis of Hydrocarbons. XXXVIII. Synthesis
of Alkenes and Alkanes with Two Quaternary
Carbon Atoms, by R. Ya. Levina, N. P. Shusharina,
N. I. Volchinskaya, M. Yu. Lurye, 4 pp. UNCLASSIFIED

RUSSIAN, par, Zhur Obshch Khim, Vol XXIII, No 3,
Mar 1953, pp 400-402.

Consultants Bureau

19,223

Scientific - Chemistry

δ -Lactones. XVIII. Interaction of 5,6-Dialkyl- α -pyrones With Acetylenedicarboxylic Ester.
New Synthesis of 3,4-Dialkylphthalic Acids, by
M. P. Shusharina, R. Ya. Levina, V. M.
Shostakovskiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,
1959, pp 3237, 3238.

CB

Sci

Oct 60

130,594

Synthesis of Hydrocarbons. XVII. Homomesitones
in the Synthesis of Paraffin Hydrocarbons of
Isomeric Structure, by R. Ye. Levin, N. P.
Shusherina, E. G. Treshchova, V. M. Tatevskii,
10 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2,
Feb 1952, pp 199-207.

Consultants Bureau
152 West 42nd Street
New York 18, N. Y.

Scientific - Chemistry May 53 CTS 1978

244,054

Method for Improving the Real Selectivity of Am
Receivers, by V. M. Shushim, A. P. Zelenin, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVISSE SSSR po
Razdelu Radiotekh, Vol VI, No 3, 1963, pp 3811-313.

JPRS 22132

Sci
Dec 63

244,058

Determination of the Content of Bituminous Impurity
in High Purity Elementary Sulfur, by A. N. Alekseyeva,
I. N. Smirnova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XVII, No 7, 1961,
pp 811-813.

2MA

Sci
May 62

194,704

Evaluating Zooplankton Production, by P. G.
Petrovich, E. A. Shushkina, G. A. Pechen',
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 5, 1961, pp 1235*.

ATBS

Sci

184.557

Feb 62

Design of Thermoanemometric Thermistor Circuits,
by A. G. Shashkov, 12 pp.

RUSSIAN, per, Inzhenerno-Fizicheskiy Zhurnal, Vol VI,
No 9, 1963.

JPRS 29006

Sic

Feb 64

249,068

Structure of Metals and Alloys After Vacuum Heating,
by L. I. Shushpanov,

RUSSIAN, per, Metallurg, Vol XIII, No 6, 1937,
pp 31-36.

Brutcher Tr No 3304

Scientific - Min/Metals

13,732

R-5858-D
14 Sept 65

Geocryology Research
By: Ye. P. Shushrina & S. S. Vyalov
From: University of Moscow Publishing House,
1963 pp 314-348

(35 pp)

K

REARRANGEMENT OF SOME ORGANOTIN AND -LEAD
D'PEROXIDE COMPOUNDS, BY V. A. SHUSHUNOV, T. G.
BRILKINA, 4PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 6, 1961, PP 1391-1394

CB

SCI

205,835

AUG 62

Shushunov, V. A. and Shlapnikov, Yu. A.
KINETIC METHOD OF PHYSICAL CHEMICAL
ANALYSIS. III. KINETIC REACTION OF THE
TERNARY ALLOYS Na + Pb + Mg WITH THE VAPORS
OF ETHYL CHLORIDE. [1963] 10p. (figs. omitted)
7 refs.

Order from OTS or SLA \$1.10 63-16041

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1948,
v. 22 [no. 2] p. 157-160.

DESCRIPTORS: *Phase studies, Chemical analysis,
*Sodium alloys, *Lead alloys, *Magnesium alloys,
*Ethanes, Chlorides, Vapor pressure, Ethyl radicals,
Lead, Synthesis (Chemistry), Reaction kinetics.

It was established that the addition of magnesium to
NaPb alloy does not modify the character of the kinetic
curves of the reaction forming tetraethyllead. The
(Chemistry--Physical, TT, v. 10, no. 6) (over)

63-16041

I. Shushunov, V. A.
II. Shlapnikov, Yu. A.
III. Title: Kinetic...

1244554

Office of Technical Services

The Reversibility of the Decomposition of Benzyloxy Radicals in Solutions, by V. A. Skushunov, Yu. A. Aleksandrov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 632-634.

CB

Sci

May 61

154,092

Conversion of Cyanides of Certain Metals into Their
Cyanamides, by V. A. Shushunov, A. M. Pavlov,
K. G. Fedynakova, 8 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 10,
1956, pp 1637-1643.

Consultants Bureau

Sci " Chem

59,404

Mar 58

Mechanism of the Chemical Processes Taking
Place in Cyaniding Baths, by V. A. Smushunov,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 9,
1958, pp 1371-1375.

Consultants Bureau

Sci - Chem

Sept 59

97,439

The Kinetics of the Formation of Calcium
Hydride, by V. A. Shushunov, A. I.
Shafyev, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, 1952,
pp 672-679.

AEC Tr 3220

Sci - Physics
Jun 58

65,944

The Kinetics of the Reaction Between Calcium and
Hydrogen, by V. A. Shushunov, I. A. Shafyev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXVIII, 1951, pp 1181-1184.

AEC Tr 3232

Sci - Physics
Jun 58

65,952

The Chain Reaction of Carbon Tetrachloride With
Isopropyl Alcohol Initiated by Acetylated and
Benzoylated Hydroperoxides of 1-Hydroxycyclohexanone,
by G. A. Kolpovskaya, B. N. Moryganov, G. A. Razuvayev,
V. A. Shushunov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1981-1985.

Consultants Bureau

55, 025

Sci. - Chemistry
Nov 57

The Decomposition of Cumene Hydroperoxide
Catalyzed by MU-2 Cation-Exchange Resin, by
G. A. Razuvayev, V. A. Shushunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 5, 1961, pp 1128-1131.

CB

Sci

200,805

Jun 62

Shushunov, V. A. and Baryshnikov, Yu. N.
KINETICS OF REACTION OF Na-Pb AND K-Na-Pb
ALLOYS WITH ETHYL CHLORIDE VAPORS. [1968]
23p (figs omitted) 6rads
Order from OTS, SLA, or ETC \$2.60 TT-64-14698

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1968,
v. 27, no. 6, p. 830-839.

TT-64-14698

I. Shushunov, V. A.
II. Baryshnikov, Yu. N.

1305000

(Chemistry--Physical, TT, v. 11, no. 11)

Office of Technical Services

Kinetics of the Photochlorination Reaction of
Benzene, by V. A. Shushunov, G. M. Strongin,
Y. I. Gryzin, A. V. Lukyanov, 8 pp.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXV, No 4,
1951, pp 404-408.

SLA Tr R-561

49, 941

Sci - Chem
Jul 57

The Kinetics of Acid-Catalyzed Decomposition of
Arylalkyl Hydroperoxides, by V. A. Shushunov,
Yu. A. Shlyapnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1959, pp 341-

Consultants Bureau

Sci

Aug 60

126, 517

(FDD 25309)

Kinetics of the Reaction of Calcium With Nitrogen,
by V. A. Shushunov, Yu. N. Baryshnikov, 20 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVII, No 5,
Moscow, 1953, pp 703-712

CIA/FDD/U-7494 RT-23/13

USSR

Sci - Chemistry, physical

29,677

Influences of Certain Factors on the Rate of Oxidation
of Cumene by Oxygen and on the Yield of Cumene Hydro-
peroxide, by V.A. Shushunov, B.A. Redoshkin, 6 pp.

RUSSIAH, per, Zhur Prik Khim, Vol XXIV, No 4, 1962,
pp 832-838.

CB

Sci

Feb 63

232,716

Kinetics of Thermal Decomposition of Cyanamides of
the Alkali and Alkali Earth Metals, by V. A. Shushunov,
A. M. Pavlov, 4 pp.

Full tr

RUSSIAN, no par, Zhur Prik Khim, Vol XXVIII, No 9,
1955, pp 934-938. CIA C 42516

35,769 Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Isotopic Exchange of Carbon Between Solid Carbonates
of Lithium, Sodium, Potassium, Barium Gaseous
Carbon Dioxide, by V. A. Shushunov, and co-workers.
7 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXX, No 2,
1956, pp 321-328. 9047669

Tech and Comm Tr

Sci - Chemistry

37, 265

Aug 56 CIS/Dex

V
Effect of Sodium Chloride Additions on the Thermal
Decomposition Rate of Cyanamides of the Alkali
Earth Metals, by V. A. Shushunov, P. A. M. Pavlov, 4 p.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 11,
Nov 1955, pp 1161-1164. CIA C 43056

Consultants Bureau

36, 895

Sci - Chemistry

Aug 1956

A New Kind of Topochemical Reactions, by M. B.
Heymann, V. A. Shushunov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LX, No 8, 1948, pp 1347-1350.

Sci Mu Lib 50/3022

Scientific - Chemistry

A-8443

38,015

AT&T 34J11K